

### **What is claimed is:**

**[Claim 1]** A real-time information collection supervising and allocating system for vehicle, comprising a wireless telecom network 3, wherein the system also includes a contact and/or contactless IC card 7 and card reader & writer 8 on vehicle 1. It can also include a signal converter 9, information and data reception and transmission device 10, computer servers 4 in the information center. The said signal converter 9 is used to convert the information read by IC card reader and writer 8 into digital or non-digital signal. The information and data reception and transmission device 10 here-of is used to transmit the above-mentioned digital or non-digital signals to the computer servers 4 in the information center via wireless telecom network 3 and being recorded into memory device.

**[Claim 2]** A real-time information collection supervising and allocating system for vehicle as being defined in claim 1, wherein the system also includes display 5 that connects with the computer servers 4 in the information center. The display here-of includes but not limited to display screen wall. The vehicle 1 here-of includes but not limited to the following vehicles: public transportation vehicle, private transportation vehicle, finance security transportation motorcade for banks, commercial transportation motorcade, police patrol motorcade, military vehicle. The wireless telecom network 3 here-of includes but not limited to the following wireless telecom networks: mobile telecom network, radio telecom network, TV microwave telecom network, mobile telecom network that adopts Bluetooth technology and other wireless video transmission network.

**[Claim 3]** A real-time information collection supervising and allocating system for vehicle as being defined in claim 1 and claim 2, wherein the system also includes GPS – Global Positioning System. It's used to obtain the one and only current position information of the vehicle 1 via satellite 2 and being

transmitted to the computer server 4 in the information center via wireless telecom network 3.

**[Claim 4]** A real-time information collection supervising and allocating system for vehicle as being defined in claim 1 and claim 2, wherein the system also includes CCTV monitoring equipment 13 to collect video and/or audio signals on the spot inside of the vehicle. The video and/or audio signals will be transmitted to the computer servers 4 in the information center via the information and data reception and transmission device 14 through wireless telecom network 3 and being recorded into memory device.

**[Claim 5]** A real-time information collection supervising and allocating system for vehicle as being defined in claim 1 and claim 2, wherein the system also includes manual or foot-operated alarm device 18 being setup near the driver. In theft, highjack, traffic accident etc emergency situations, the driver can quietly touch the manual or foot-operated alarm device 18 to send the alarm information to the information center and/or police station via the information and data reception & transmission device 19.

**[Claim 6]** A real-time information collection supervising and allocating system for vehicle as being defined in claim 1 and claim 2, wherein the system also includes allocating information transmitting device in the information center to transmit audio, video and/or text instructions to drivers via wireless telecom network to allocate the vehicle. It also includes speaker or text & video display device 21 near the driver, or VHF phones being setup separately on the driver's end 23 and the information center's end 22.

**[Claim 7]** A real-time information collection supervising and allocating system for vehicle as being defined in claim 1 and claim 2, wherein the servers 4 in the information center here-of can be linked with Internet or intranet 25.

**[Claim 8]** A real-time information collection supervising and allocating method for vehicle, comprising the steps of transmitting information via wireless telecom network, wherein identification and fare etc information inside of the contact or contactless IC card 7 in the vehicle 1 end, are read and written by IC card reader & writer 8. Signal containing above-mentioned information is converted by signal converter 9 into digital or non-digital signal. The information and data reception and transmission device 10 will transmit the above-mentioned digital or non-digital signals to the computer servers 4 in the information center via wireless telecom network 3 and being recorded into memory device.

**[Claim 9]** A real-time information collection supervising and allocating method for vehicle as being defined in claim 8, wherein the GPS – Global Positioning System is being embedded or outlaid to the information & data reception & transmission device 10 to obtain the current one & only position information of the vehicle 1 via satellite 2. The location information is being transmitted to the computer servers 4 in the information center through wireless telecom network 3. Video and/or audio information collected by CCTV monitoring equipment 13 is transmitted to the computer servers 4 in the information center via the information & data reception & transmission device 10 through wireless telecom network and being recorded into memory device. The information being received by computer servers 4 in the information center is displayed on a display screen 5. When the manual or foot-operated alarm device 18 near the driver being touched, alarm information is transmitted to the information center and/or police station via the information & data reception and transmission device 10. The computer servers 4 here-of in the information center are being linked with users' terminals via internet or intranet 25.

**[Claim 10]** A real-time information collection supervising and allocating method for vehicle as being defined in claim 8 and claim 9, wherein the

allocating information transmission device in the information center will transmit audio, video or text instructions to the driver to allocate the vehicle via speaker and/or text and/or video display screen 21 near the driver through wireless telecom network. The other option is to transmit audio information via VHF phones 22 and 23.